

AMENDMENTS TO THE CLAIMS

Upon entry of this amendment, the following listing of claims will replace all prior versions and listings of claims in the pending application.

IN THE CLAIMS

Please amend claims 1-9, 12, 18, 19, 21, 24, 25, 27-29, 31-37, 39-42, 46, 48-50 and 53-56 as follows:

1. (Currently Amended) A method for providing file contents comprising:

~~transmitting, by a client node, a request for a file having a native file type;~~

receiving, by an access control server, the a request from a client node for the a file having a native file type;

making, by an ~~the~~ access control server, an access control decision to determine a level of access granted to the client node for the contents of the file;

transmitting, by the access control server responsive to the determined level of access, a second file to the client node, the second file executable by the client node and having a file type different from the native file type of the requested file;

~~determining, responsive to the level of access, a second file type;~~

~~determining an identifier for an application program associated with the second file type;~~

establishing, via execution of the second file on the client node, a connection to an application server; and

presenting, by an application program executing on the application server, the contents of the file to the client node using the application program via the established connection.

2. (Currently Amended) The method of claim 1 ~~wherein presenting the contents of the file~~ further comprising presenting identifying, responsive to the level of access, the by an application server ~~from~~ in an application server farm, ~~the contents of the file to the client node.~~

3. (Currently Amended) The method of claim 1 further comprising identifying determining, by a first ~~the~~ application server ~~in the application server farm~~, an application program associated with the ~~second native~~ file type.

4. (Currently Amended) The method of claim 3-2 wherein identifying the application server further comprising identifying presenting, by the first application server responsive to the level of access in the application server farm, ~~the contents of the file to the client node.~~

5. (Currently Amended) The method of claim 3-1 further comprising identifying presenting, by a second application server ~~in~~ from the application server farm, for presenting the contents of the file to the client node.

6. (Currently Amended) The method of claim 1 ~~wherein determining a second file type further~~ comprising es, determining generating, by an ~~the~~ access control server, a the second file type ~~for the file, responsive to~~ based on the level of access.

7. (Currently Amended) The method of claim 6-1 ~~wherein determining a second file type further~~ comprising es, determining identifying, by an a second application server ~~in~~ from an application server farm, the second application server associated with the a second file type for the file.

8. (Currently Amended) The method of claim 4-3 wherein identifying the application program ~~determining an identifier~~ further comprises identifying determining, by an ~~access control~~ the application server, an identifier for ~~an the~~ application program ~~associated with the second file type.~~

9. (Currently Amended) The method of claim 1 ~~wherein~~ further comprising determining an

~~identifier further comprises determining, by an application server in an application server farm, an identifier for an application program associated with the second native file type of the requested file.~~

10. (Previously presented) The method of claim 1 further comprising acquiring, by the access control server, information about the client node.

11. (Previously presented) The method of claim 10 wherein making an access control decision further comprises comparing the information acquired by the access control server to a policy to make the access control decision.

12. (Currently Amended) The method of claim 10 wherein presenting the contents of the file further comprises using, by ~~an~~ the application server, acquired information to select a format for the presentation of the file contents.

13. (Previously presented) The method of claim 10 wherein presenting the contents of the file further comprises presenting the contents of the file by applying a policy to the acquired information to select a format for presentation of the file contents.

14. (Previously presented) The method of claim 1 further comprising transmitting, by the access control server, a collection agent to the client node.

15. (Previously presented) The method of claim 1 further comprising acquiring, by the access control server, information about the client node using a collection agent.

16. (Previously presented) The method of claim 15 wherein making an access control decision further comprises comparing the information acquired by the collection agent to a policy to make the access control decision.

17. (Previously presented) The method of claim 1 wherein making an access control decision further comprises rejecting, by the access control server, the request.

18. (Currently Amended) The method of claim ~~4~~ 9 wherein ~~determining a second~~ the native file type further comprises determining, by the access control server, the ~~second native~~ file type by extracting a file extension.

19. (Currently Amended) The method of claim ~~4~~ 3 wherein ~~determining an identifier~~ identifying the application program further comprises ~~identifying~~ determining, by ~~an~~ the application server, the ~~identifier of the~~ application program by querying a database for the application program to use with a file extension of the requested ~~second~~ file extension.

20. (Previously presented) The method of claim 1 further comprising retrieving the file from a file server.

21. (Currently Amended) The method of claim 20 further comprising retrieving, by ~~an~~ the application server, the file from a file server.

22. (Canceled)

23. (Previously presented) The method of claim 1 further comprising retrieving the file from a web server.

24. (Currently Amended) The method of claim 23 further comprising retrieving, by ~~an~~ the application server, the file from a web server.

25. (Currently Amended) The method of claim 23 further comprising retrieving, by ~~an~~ the access control server, the file from a web server.

26. (Previously presented) The method of claim 1 further comprising retrieving the file from an email server.

27. (Currently Amended) The method of claim 26 further comprising retrieving, by ~~an~~ the

application server, the file from an email server.

28. (Currently Amended) The method of claim 26 further comprising retrieving, by ~~an~~ the access control server, the file from an email server.

29. (Currently Amended) The method of claim 1 further comprising connecting, by the client node, to ~~an~~ the application server.

30. (Previously presented) The method of claim 29 wherein presenting the contents of the file further comprises presenting the contents of the file to the client node over the connection.

31. (Currently Amended) The method of claim 1 wherein transmitting the second file further ~~comprising~~ comprises transmitting, by ~~an~~ the access control server, an executable file to the client node.

32. (Currently Amended) The method of claim 31 further comprising identifying, by the executable file, the application server ~~opening for presenting the contents of the file for to~~ the client node.

33. (Currently Amended) The method of claim 1 wherein transmitting ~~a~~ the request for ~~a~~ the file further comprises the client node residing on a first network separated from a second network by a network boundary, the client node requesting ~~a~~ the file from ~~an~~ the access control server, the access control server residing on the second network.

34. (Currently Amended) The method of claim 6 wherein determining the ~~second~~ native file type further comprises downloading, by the access control server, ~~downloading~~ the file from a content server.

35. (Currently Amended) A system for providing file contents comprising:
~~a client node requesting a file having a native file type;~~

an access control server receiving ~~the a request~~ from a client node for ~~the a file~~ having a native file type, ~~and making an access control decision to determine a level of access granted to the client node for the contents of~~ for the file, and transmitting a second file to the client node responsive to the determined level of access, the second file executable by the client node and having a file type different from the native file type of the requested file, wherein a connection to an application server is established via execution of the second file on the client node; and

an application program executing on the application server, presenting the file contents of the file to the client node via the established connection using an application program associated with a second file type for the requested file, wherein the second file type is determined responsive to the level of access.

36. (Currently Amended) The system of claim 35 wherein the application server further ~~comprises identifying~~ the application program associated with the ~~second native~~ file type.

37. (Currently Amended) The system of claim 35 wherein the access control server further ~~comprises identifying~~ the application program associated with the ~~second native~~ file type.

38. (Original) The system of claim 35 wherein the access control server further comprises a database storing at least one policy.

39. (Currently Amended) The system of claim 35 wherein the access control server further comprises a collection agent for acquiring information about the client node.

40. (Currently Amended) The system of claim 39 wherein the access control server ~~further comprises making~~ an access control decision to determine a level of access for granting the client node access to the contents of the file based on the information acquired by the collection agent.

41. (Currently Amended) The system of claim 39 wherein the access control server ~~further comprises making~~ an access control decision to determine a level of access for granting the client node access to the contents of the file by applying a policy to the information acquired by

the collection agent.

42. (Currently Amended) The system of claim 39 wherein the collection agent acquires information about the client node regarding the device type of the client node.

43. (Original) The system of claim 39 wherein the collection agent acquires information about the client node regarding network connection information.

44. (Original) The system of claim 39 wherein the collection agent acquires information about the client node regarding authorization credentials.

45. (Original) The system of claim 35 wherein the application server includes a database containing at least one application program associated with at least one file type.

46. (Currently Amended I) The system of claim 45 wherein the application server further ~~comprises determining an identifier for~~ identifies an application program by querying the database.

47. (Previously presented) The system of claim 35 wherein the access control server ~~transmits~~ generates the second file to ~~an executable file to~~ transmit to the client node based on the determined level of access.

48. (Currently Amended) The system of claim 47 wherein the ~~executable~~ second file includes an identifier for the application program associated with the ~~second~~ native file type.

49. (Currently Amended) The system of claim 47 wherein the ~~executable~~ second file identifies ~~an~~ the application server.

50. (Currently Amended) The system of claim 47 wherein the client node ~~makes a connection to the application server~~ executes the second file identified by responsive to receiving the executable second file.

51. (Previously presented) The system of claim 47 wherein the application server accepts a connection from the client node.

52. (Currently Amended) The system of claim 47 wherein the client node transmits the identifier for the application program identified by the executable file to the application server.

53. (Previously presented) The system of claim 47 wherein the application server presents the ~~file contents~~ of the file over the connection to the client node.

54. (Currently Amended) The method of claim 1, wherein presenting the contents of the file further comprises:

using the identifier for the application program to identify ~~an~~ the application server;

connecting to the identified application server; and

presenting the contents of the file to the client node in a format selected by the application server.

55. (Currently Amended) The method of claim ~~4~~ 7, wherein the second file type is different from the native file type.

56. (Currently Amended) The ~~system-method~~ of claim ~~35~~ 31, further comprising identifying, by ~~wherein~~ the second file, the application program for presenting the contents of ~~type is different from the native file to the client node~~ type.